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# DECLASS REVIEW by NIMA/DOD

TCS #2638/65  
PID/ABCB 87/65  
23 April 1965  
Copy # \_\_\_\_\_

MEMORANDUM FOR: Chief, Nuclear Energy Division, OSI

25X1A ATTENTION: [REDACTED] SNB/NED

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, Photographic Intelligence Division, CIA

SUBJECT: Ice-Free Measurements from Krasnoyarsk/Dodonovo Area, USSR

REFERENCES: Requirement No. C-SI5-82,369  
CIA Project No. 30425-5

25X1D

1. Measurement of ice-free areas on the Yenisey River resulting from water discharge points at the Dodonovo AE Complex and the Krasnoyarsk TETS was requested from the photographic coverage of [REDACTED]

2. The ice-free areas were separated for tabulation as shown on the four enclosed 7X enlargements. The areas with intervening refrozen areas have been referred to as "transition zones". The area resulting from Krasnoyarsk industrial effluents was reported for the first time and thus cannot be compared with total acreage of previous missions. The measurements obtained are as follows:

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	<u>Acres</u>
(1) Downstream from Krasnoyarsk Industrial Area	107*
(2) Downstream from Krasnoyarsk TETS	233
(3) Upstream Transition Zone	54
(4) Upstream from Dodonovo AE Complex	1423
(5) Downstream from Dodonovo AE Complex	2443
(6) Downstream Transition Zone	345
TOTAL	<u>4498</u>

\* This figure was not included in total acreage figure.

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3. Complete coverage of the ice-free areas was not obtained on [REDACTED]

4. All measurements have been made by the NPIC Technical Intelligence Division with the NRI Comparator. The borders of partially cloud covered ice-free areas were estimated. Accuracy is  $\pm 5\%$  on the actual area measured.

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5. The photo analyst on this project was [REDACTED] who may be contacted on extension 2317 should you have further questions.

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6. This memorandum with enclosures and our previous partial response (PID/ABCB 73/65, dated 30 March 1964) complete the referenced requirement.

[REDACTED]  
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Enclosures:

CIA/PID/ABCB/P-246--249/65 (Annotated Photo Enlargements)

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KRASNOYARSK/DODONOV WATER DISCHARGE STUDY

25X1D

ADJOINS CIA/PID/ABCB/P-247/65

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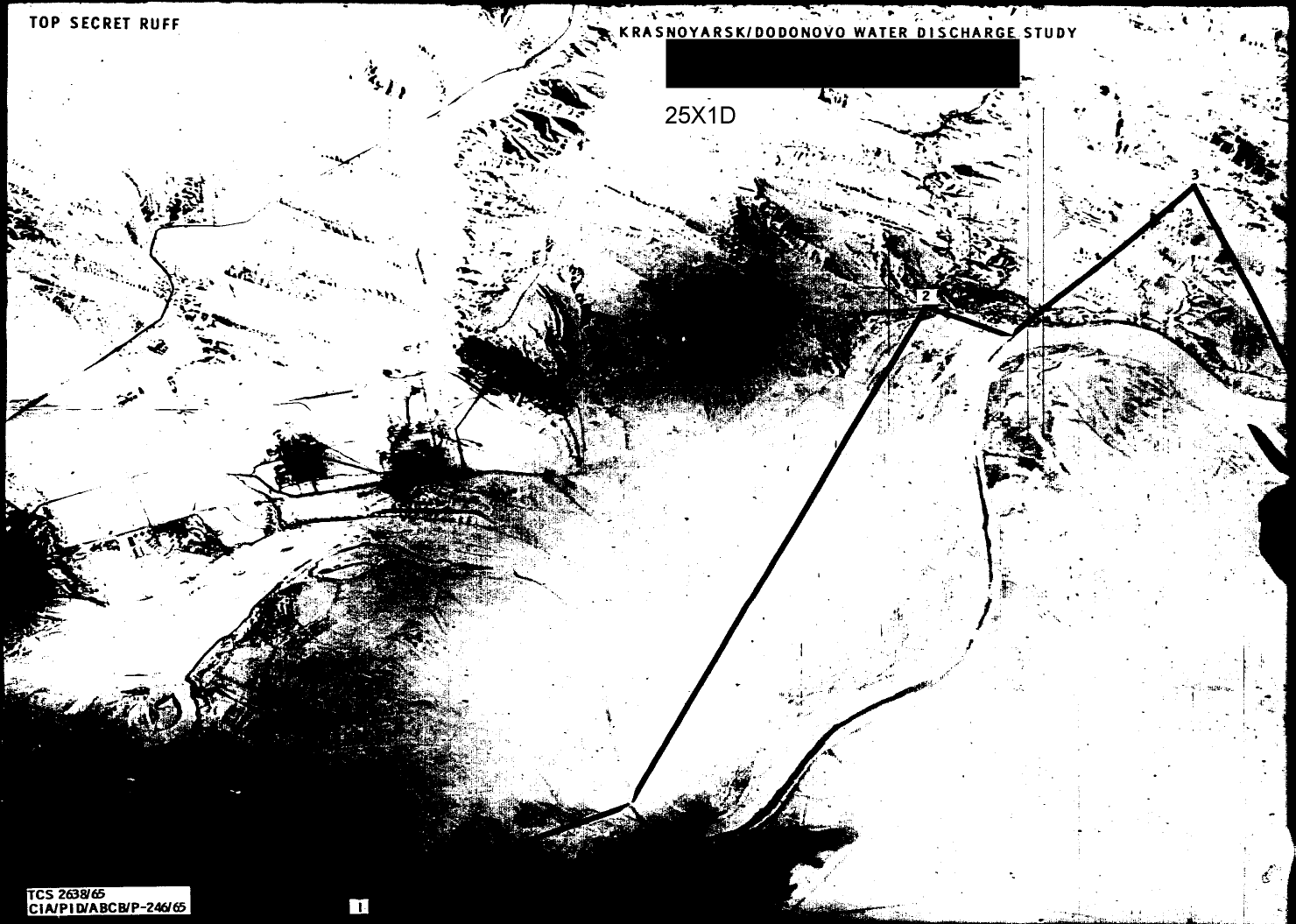
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KRASNOYARSK/DODONOVO WATER DISCHARGE STUDY

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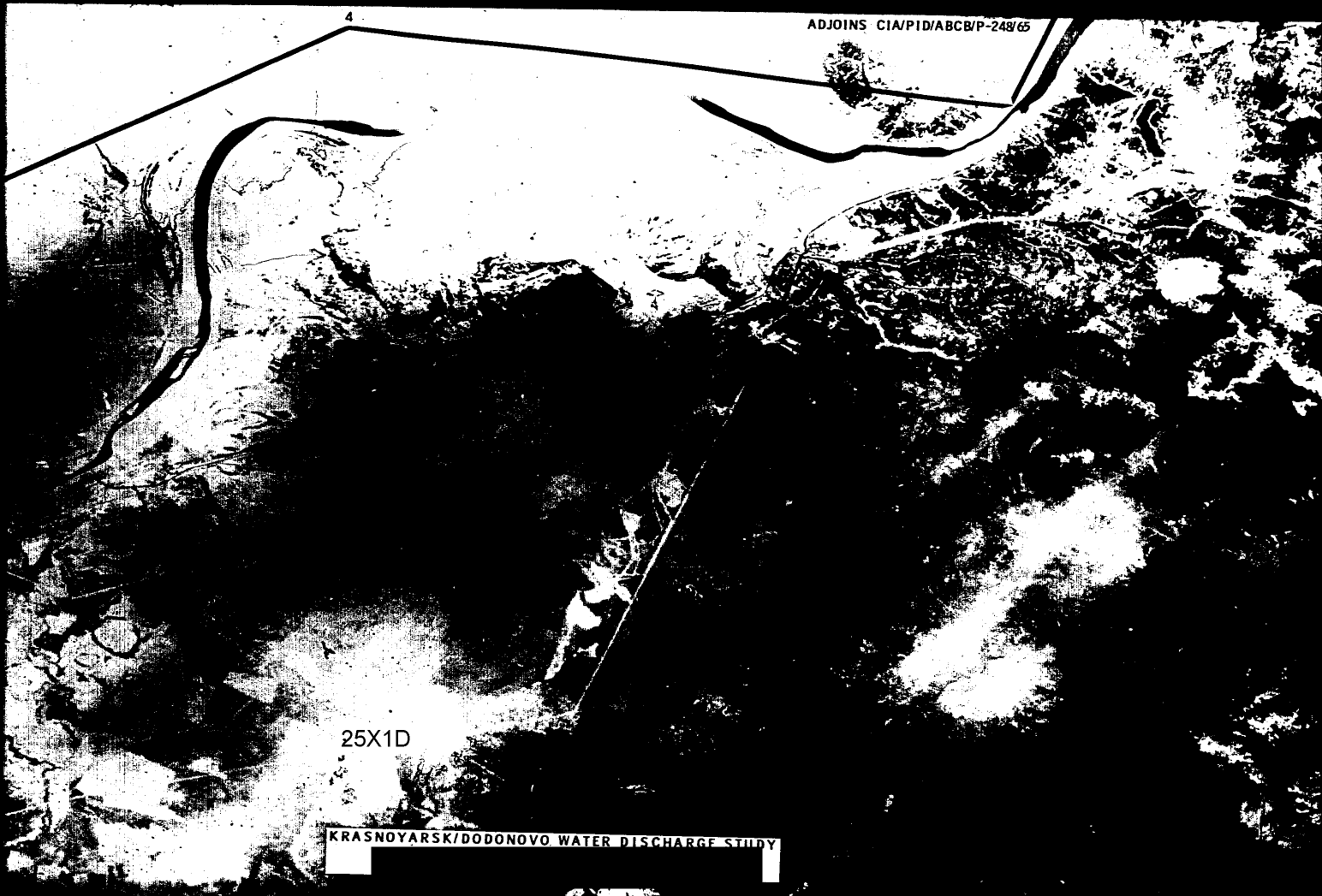
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25X1D

KRASNOYARSK/DODONOV WATER DISCHARGE STUDY

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CIA/PID/ABCB/P-247/65



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KRASNOYARSK/DODONOV WATER DISCHARGE STUDY

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KRASNOYARSK/DODONOV WATER DISCHARGE STUDY

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KRASNOYARSK/DODONOV WATER DISCHARGE STUDY

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KRASNOYARSK/DODONOVO WATER DISCHARGE STUDY

25X1D

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KRASNOYARSK/DODONOV WATER DISCHARGE STUDY

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